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Application Number	10/656,059
Filing Date	September 5, 2003
First Named Inventor	Hui Cai
Group Art Unit .	
Examiner Name	
Attorney Docket Number	PRD0036NP

		U.S. Patent Document				
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**FOREIGN PATENT DOCUMENTS** Date of Publication Pages, Columns, Lines, Foreign Patent Document of Cited Document where relevant Name of Patentee or passages or relevant Cite Examiner mm-dd-yyyy Applicant of Cited Document figures appear Initials KindCode<sup>5</sup> Office<sup>3</sup> Number⁴ 08-19-1999 Zeneca Limited wo 9940914 EP 1088824 Pfizer Products Inc. 06-27-2001 АЗ 09-26-2001 FP 1136071 A2 Pfizer Products Inc.

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$\eta \smile$	[/]	Triethylsilane/Trifluoroacetic Acid. Regioselectivity in Formylation Reactions of 3-Alkylthiophenes. Heterocycles (1995)	Ι,
/'		40(2):925-937  KONDO, K, et al. Synthetic Utility of tert-Butyl Azidoacetate on the Hemetsberger-Knittel Reaction (Synthetic Studies of	<del>  ~ ′</del>
7 1		Indoles and Related Compounds Part 47). Chem. Pharm. Bull. (1999) 47(9):1227-1231	
		IRIARTE, J. et al. The Chlorination of Thiophene-2-aldehyde and Ethyl Thiophene-2-carboxylate in the Presence of Excess	
- 1	]	Aluminum Chloride, J. Het. Chem. (1976) 13:393-394.	
1		ARRANG, JM. et al. Auto-Inhibition of Brain Histamine Release Mediated by a Novel Class (H3) of Histamine Receptor.	П
		Nature (1983) 302:832-837	$\sqcup$
		ASH, A.S.F.; SCHILD, H.O. Receptors Mediating Some Actions of Histamine. Br. J. Pharmac. Chemother. (1966)	1 1
		27:427-439	
l		BARGER, G.; DALE, H.H. Chemical Structure and Sympathomimetic Action of Amines. J. Physiol. (1910) 41:19-59 Reprinted in Adventures in Physiology, Sir Henry H. Dale, Ed.; The Wellcome Trust: London, 1965; pp 67-98.	1 /
		BLACK, J.W. et al. Definition and Antagonism of Histamine H2-Receptors. Nature (1972) 236:385-390	1
	-	GANTZ, I. et al. Molecular Cloning of a Gene Encoding the Histamine H2 Receptor. Proc. Natl. Acad. Sci. USA (1991)	
l	\	88:429-433	
		HILL, S.J. et al. International Union of Pharmacology. XIII. Classification of Histamine Receptors. Pharmacol. Rev. (1997) 49(3):253-278	
		LIU, C. et al. Cloning and Pharmacological Characterization of a Fourth Histamine Receptor (H4) Expressed in Bone Marrow. Mol. Pharmacol. (2001) 59(3):420-426	
		LOVENBERG, T.W. et al. Cloning and Functional Expression of the Human Histamine H3 Receptor. Mol. Pharmacol. (1999) 55(6):1101-1107	17
1		MORSE, K.L. et al. Cloning and Characterization of a Novel Human Histamine Receptor. J. Pharmacol. Exp. Ther. (2001) 296(3):1058-1068	
		NGUYEN, T. et al. Discovery of a Novel Member of the Histamine Receptor Family. Mol. Pharmacol. (2001) 59(3):427-433	
		ODA, T. et al. Molecular Cloning and Characterization of a Novel Type of Histamine Receptor Preferentially Expressed In Leukocytes. J. Biol. Chem. (2000) 275(47):36781-36786	Ц_
		RAIBLE, D.G. et al. Pharmacologic Characterization of a Novel Histamine Receptor on Human Eosinophils. Am. J. Respir. Crit. Care Med. (1994) 149:1508-1511	L
		YAMASHITA, M. et al. Expression Cloning of a cDNA Encoding the Bovine Histamine H1 Receptor. Proc. Natl. Acad. Sci. USA (1991) 88:11515-11519	
$\sqrt{}$		ZHU, Y. et al. Cloning, Expression, and Pharmacological Characterization of a Novel Human Histamine Receptor. Mol. Pharmacol. (2001) 59(3):434-441	Ш
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## SUBMISSION UNDER MPEP 609 D

Application Number	10/656,059
Filing Date	September 5, 2003
First Named Inventor	Hui Cai et al.
Group Art Unit	1614
Examiner Name	
Attorney Docket Number	PRD-36

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